

From: [Timothy Curry](#)
To: [Joe Ball](#); [Greg Fife/R6/USEPA/US@EPA](#)
Cc: [Markj Thomas/R7/USEPA/US@EPA](#)
Subject: RE: FW: ASPECT Update - Aug. 26th
Date: 08/27/2012 12:46 PM
Attachments: [Bayou Corne Draft Final Kuda1.doc](#)

If that is the only misspelling I'd be surprised. The latest draft of the report is attached. Please let us know if you see any more changes needed. We have experienced a power outage here in our building in Kansas City. The processing and development of the Google Earth link is on hold while the outage is fixed. I will keep you posted on the progress but at least it looks like we are close to finalizing the preliminary data collection report.



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▼ [Joe Ball ---08/27/2012 12:06:29 PM---Yep, answers the question. By the way, our counties are spelled "Parish", not "Parrish". From: Timo](#)

From: Joe Ball <Joe.Ball@LA.GOV>
To: Timothy Curry/R7/USEPA/US@EPA,
Date: 08/27/2012 12:06 PM
Subject: RE: FW: ASPECT Update - Aug. 26th

[Yep, answers the question. By the way, our counties are spelled "Parish", not "Parrish".](#)

From: Timothy Curry [<mailto:Curry.Timothy@epamail.epa.gov>]
Sent: Monday, August 27, 2012 11:59 AM
To: Joe Ball
Subject: Re: FW: ASPECT Update - Aug. 26th

The report might not make this point very clear but the compound library is what has been established for fast detection while the plane is in flight. That way we can pull specific data from the aircraft through the satellite communication system for closer review. Since the sat comm system is relatively slow and expensive we can't really pull all the data while they are in flight. In order to review the data for all other compounds not actually in the on board library we have to wait till they land and go through it manually. In this case we knew that the C1-C4 weren't in the library but since we can scan it for all the others we did. Once we got all the data from the flight it was reviewed for C1-C4 identification. We did not see any signatures for those type compounds. Basically indicates that there is not a build up of gas occurring in the area scanned. There may be some boils with localized vapor releases but it looks like they are quickly dissipating in the atmosphere. We did see some ozone, which is normal, and some ethylene which is common in heavily vegetated areas (its a common plant hormone that stimulates ripening of fruit, blooming and shedding of leaves). That wasn't reported so as not to cause any confusion. Hope that answers the question.

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▼
yv+FAHkAAAAAASW5hY3RpdmUgaGkZSBkZXRhaWxzIGZvciBKb2UgQmFsbCAtLS0wOC8yNy8y
MDEyIDExOjI2OjAwIEFNLS0tV2hhdCBhYm91dCB0aGUgc3R1ZmYgdW5kZXJsaW5lZCBiZWxvdz8g
RnJvbTogQ2hyaXMgUGllaGxlcg== Joe Ball ---08/27/2012 11:26:00 AM---What about the stuff
underlined below? From: Chris Piehler

From: Joe Ball <Joe.Ball@LA.GOV>
To: Timothy Curry/R7/USEPA/US@EPA,
Date: 08/27/2012 11:26 AM
Subject: FW: ASPECT Update - Aug. 26th

What about the stuff underlined below?

From: Chris Piehler
Sent: Monday, August 27, 2012 11:23 AM
To: Joe Ball
Subject: RE: ASPECT Update - Aug. 26th

Thanks, good news is that the plane did not see target vapors, bad news is that natural gas components (C1-C4) were not part of their visible compound list.

From: Joe Ball
Sent: Monday, August 27, 2012 9:00 AM
To: Chris Piehler
Subject: FW: ASPECT Update - Aug. 26th

Attached is a **DRAFT** report on the EPA flight over the Bayou Corne area. Please review the report and provide me with comments or questions that can be posed to the EPA. We would like to do this this morning.

From: Timothy Curry [<mailto:Curry.Timothy@epamail.epa.gov>]
Sent: Sunday, August 26, 2012 8:57 AM
To: Greg Fife; Joe Ball
Cc: Markj Thomas
Subject: ASPECT Update - Aug. 26th

There was a large amount of data to transmit and go over. We have completed all the standard processing and reviews with nothing significant found. Attached is the draft preliminary report. This basically describes the data collection and initial processing results. The Google Earth linked full data set is still being produced. **Take a look at this preliminary report and provide any comments to incorporate.** The only interesting thing in the data that I noticed so far was that the fluids in the sink hole have a wide thermal contrast. Probably due to there being some diesel fuel at the surface. It has a significantly different emissivity from water.

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